

5. (Amended) Method according to claim 3 wherein trimethylolpropantriacylate is employed in a quantity of up to 20% by weight in proportion to the contents of the mass of non-interlaced polyolefins.

6. (Amended) Method according to claim 1 wherein a stabilizer is included in the mass.

7. (Amended) Method according to Claim 6, wherein stabilizers in the mass comprise phenol derivatives, lactones, phosphites and/or sterically inhibited amines in a quantity of up to approximately 5% by weight.

8. (Amended) Method according to claim 1 wherein the electron beam treated foil has a thickness of approximately 0.2 to 2.0.

9. (Amended) Method according to claim 1 wherein the treatment with electron beams is effected at a beam dosis of approximately 10 to 500 kJ/m².

10. (Amended) Method according to claim 1 wherein the treatment of the foil with electron beams is effected to such extent that a gel contents of approximately 5 to 80% appears in the radiated foil.

11. (Amended) Method according to claim 1 wherein the radiated foil is embossed.

12. (Amended) Method according to claim 1 wherein the radiated foil is laminated to form a composite structure.

13. (Amended) Method according to claim 1 wherein the radiated foil or the composite structure containing same is deep drawn to a shaped body.

14. (Amended) Method according to Claim 13, wherein the deep drawn shaped body is utilized as interior lining of motor vehicles, in particular as dashboard foil.